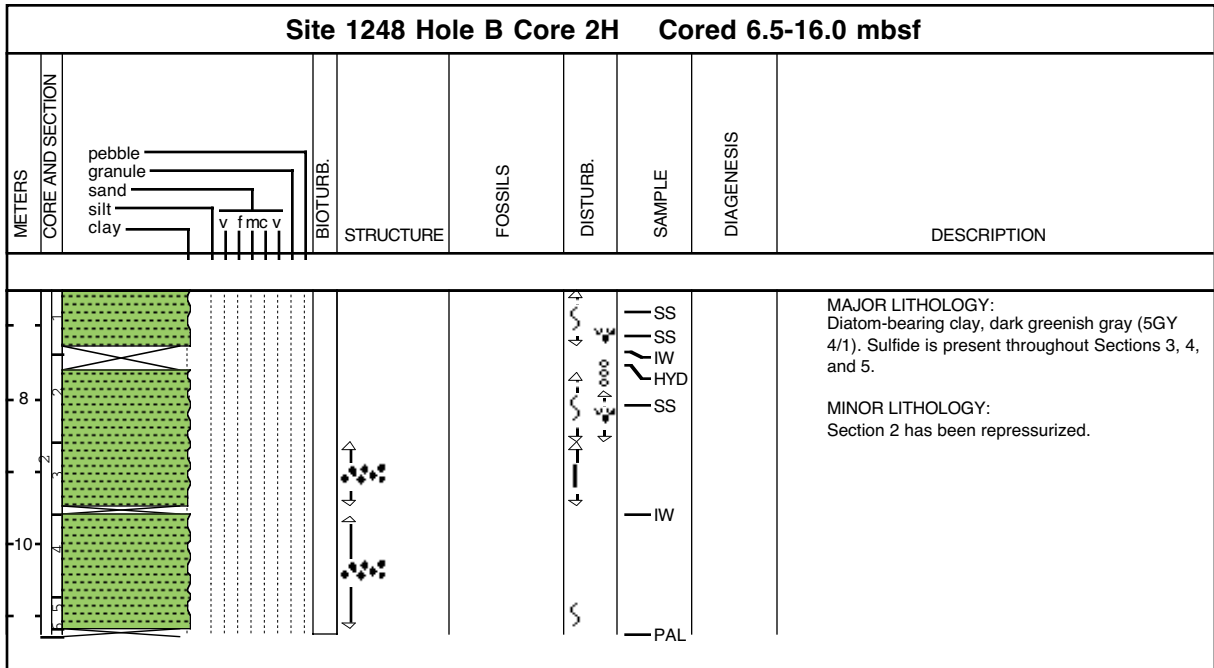


Core Photo

Site 1248 Hole B Core 1H Cored 0.0-6.5 mbsf								
METERS	CORE AND SECTION	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	SAMPLE	DIAGENESIS	DESCRIPTION
	pebble granule sand silt clay v f mc v							
2						IW IW PAL		<p>MAJOR LITHOLOGY: Clay, dark greenish gray (5GY 4/1), with a musselike texture throughout.</p> <p>Section 1 contains a 3 cm x 2 cm carbonate concretion.</p> <p>Section 2 contains a soupy layer with small (0.2 cm diameter) carbonate concretions above and below.</p>

Hole A Drilled, but not cored.

Core Photo



Core Photo

Site 1248 Hole B Core 3H Cored 16.0-17.0 mbsf									
METERS	CORE AND SECTION		BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	SAMPLE	DIAGENESIS	DESCRIPTION
									<p>MAJOR LITHOLOGY: Silty clay, dark greenish gray (5GY 4/1).</p> <p>Core exploded in the core barrel and is highly disturbed. There is a mousse-like texture throughout.</p>

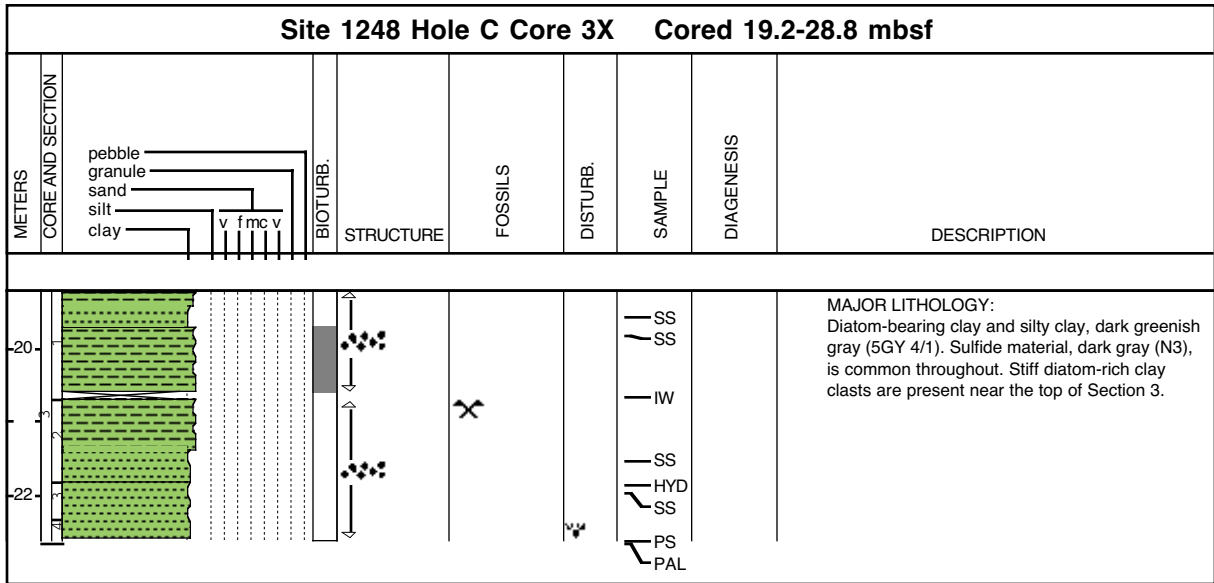
Core Photo

Site 1248 Hole C Core 1X Cored 0.0-9.6 mbsf								
METERS	CORE AND SECTION	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	SAMPLE	DIAGENESIS	DESCRIPTION
	pebble granule sand silt clay v f mc v							
1 2						SS IW SS HYD HYD PAL		MAJOR LITHOLOGY: Clay, dark greenish gray (5GY 4/1). The clay is diatom bearing in both Sections 1 and 2 and is micritic in Section 1 (116-117), containing 90% authigenic carbonate.

Core Photo

Site 1248 Hole C Core 2X Cored 9.6-19.2 mbsf								
METERS	CORE AND SECTION	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	SAMPLE	DIAGENESIS	DESCRIPTION
	pebble granule sand silt clay v fmc v							
-10							MAJOR LITHOLOGY: Diatom-bearing clay, dark greenish gray (5GY 4/1) to very dark gray (N3) where sulfide rich. Sediment is highly disturbed and has a mousselike texture.	

Core Photo



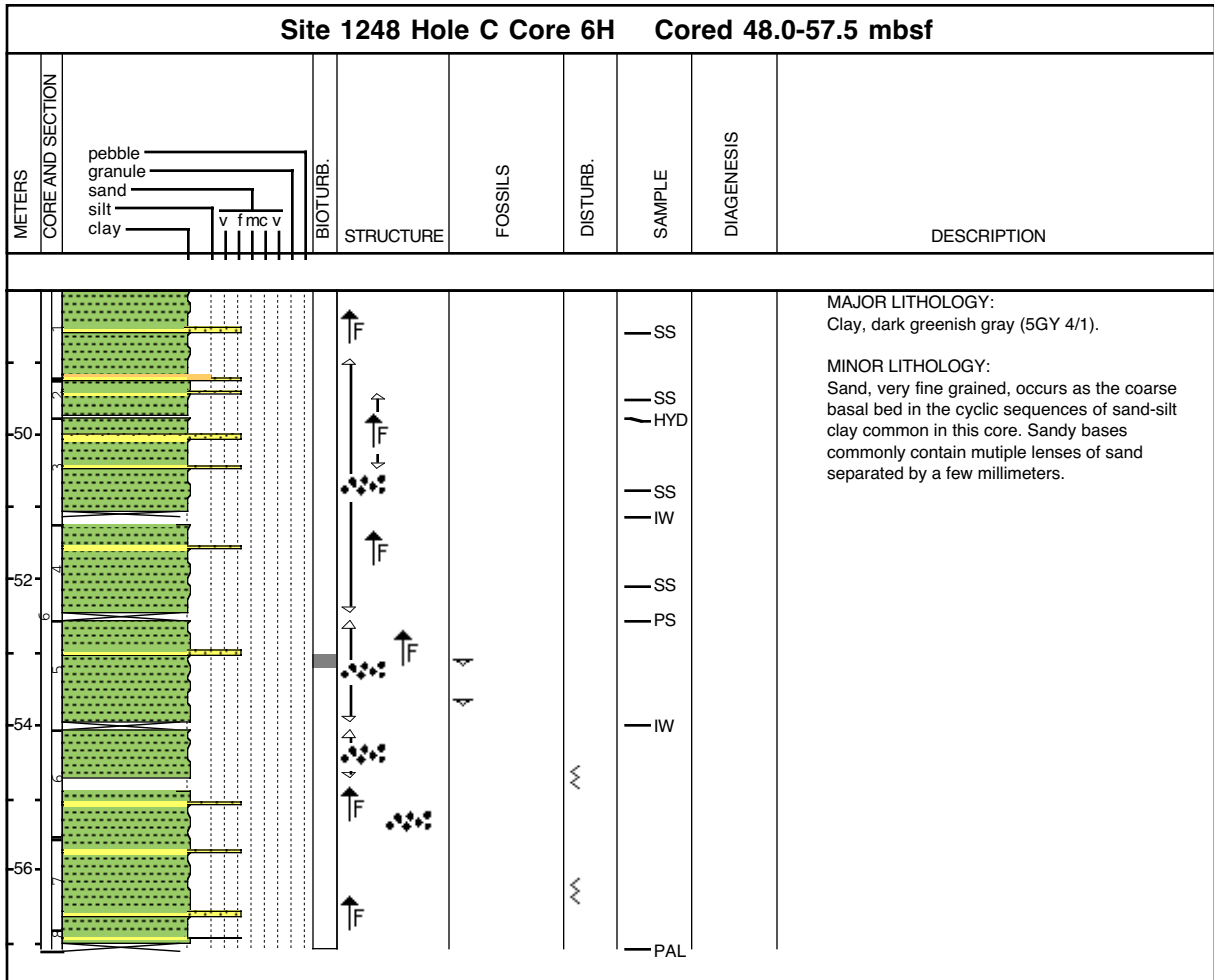
Core Photo

Site 1248 Hole C Core 4X Cored 28.8-38.4 mbsf								
METERS	CORE AND SECTION	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	SAMPLE	DIAGENESIS	DESCRIPTION
4 2								MAJOR LITHOLOGY: Silty clay, dark greenish gray (5GY 4/1), mottled with sulfide in bioturbated zones in the core catcher.

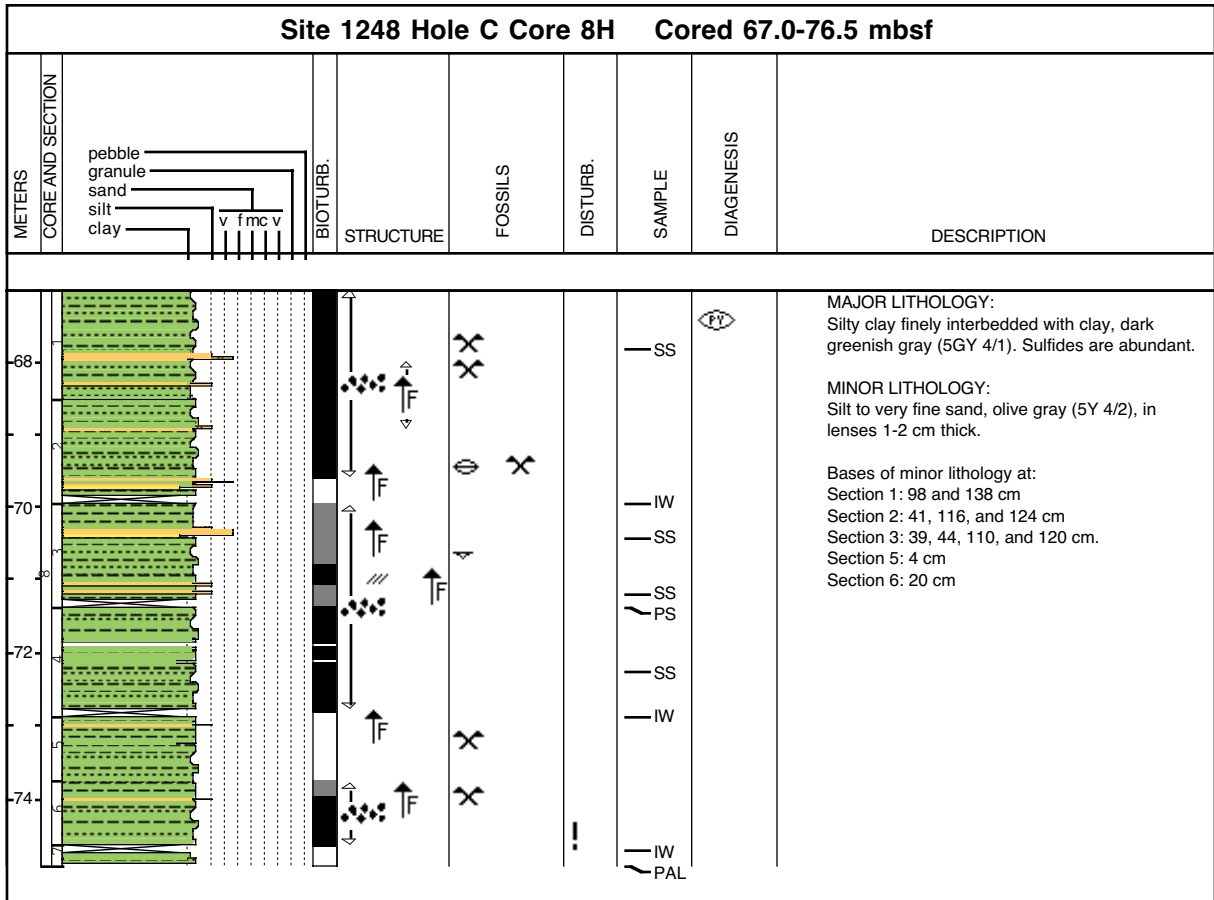
Core Photo

Site 1248 Hole C Core 5X Cored 38.4-48.0 mbsf								
METERS	CORE AND SECTION	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	SAMPLE	DIAGENESIS	DESCRIPTION
	pebble granule sand silt clay v f mc v							
40						— SS — SS / IW — PS — IW / PAL		MAJOR LITHOLOGY: Clay, dark greenish gray (5GY 4/1). Sulfide is abundant to moderate. MINOR LITHOLOGY: Silt lenses grading to silty clay. Bases are located at: Section 1: 72, 89, 124, and 140 cm. Section 2: 30 cm

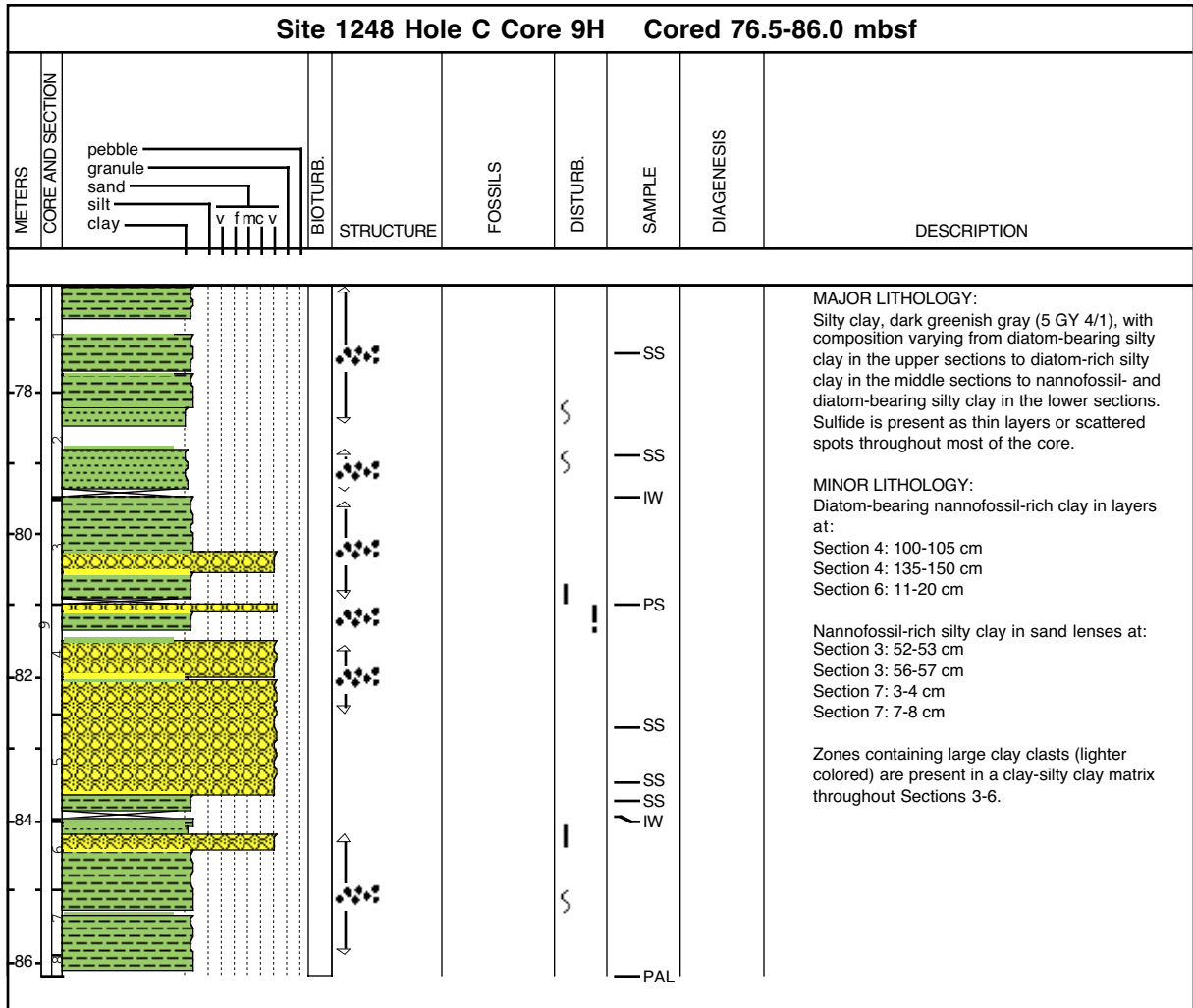
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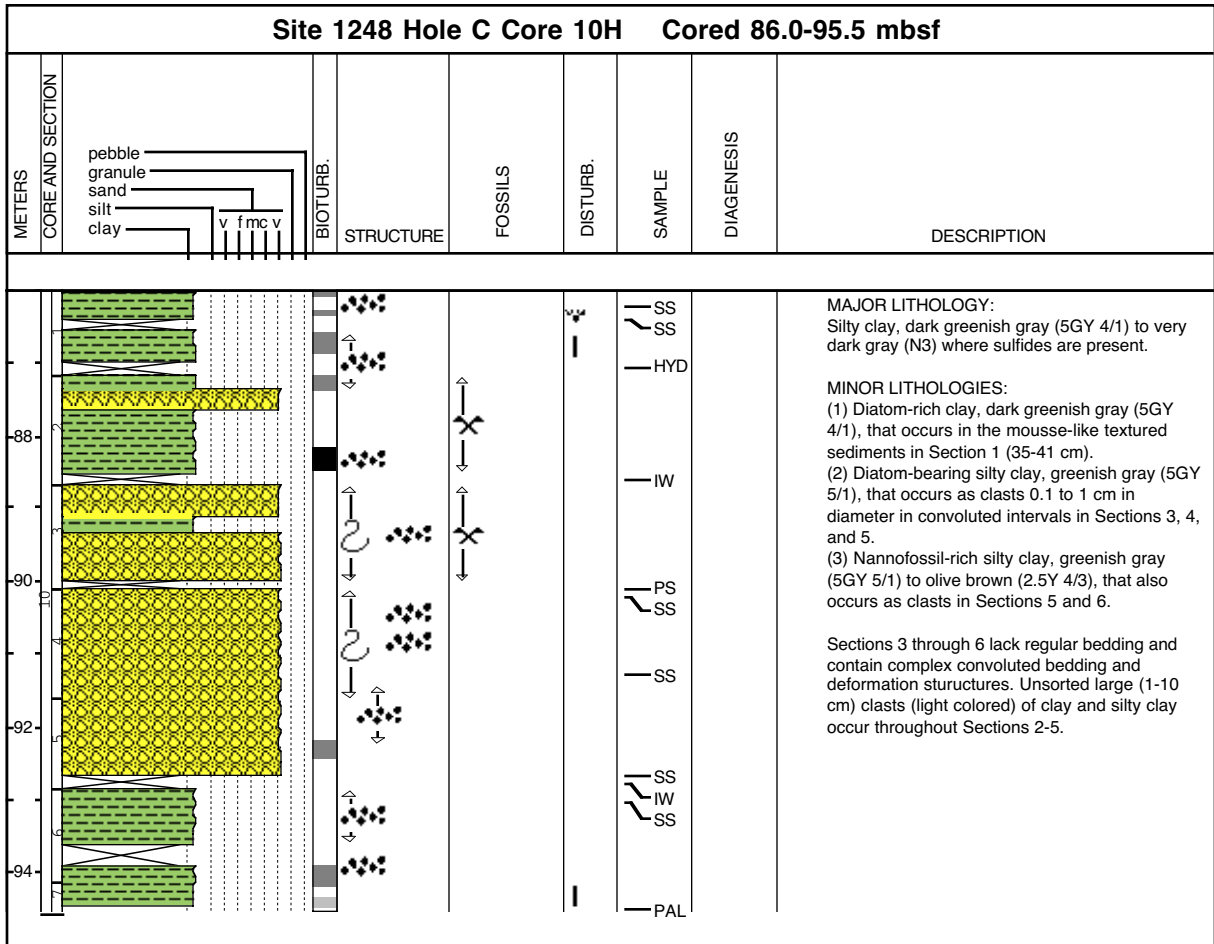
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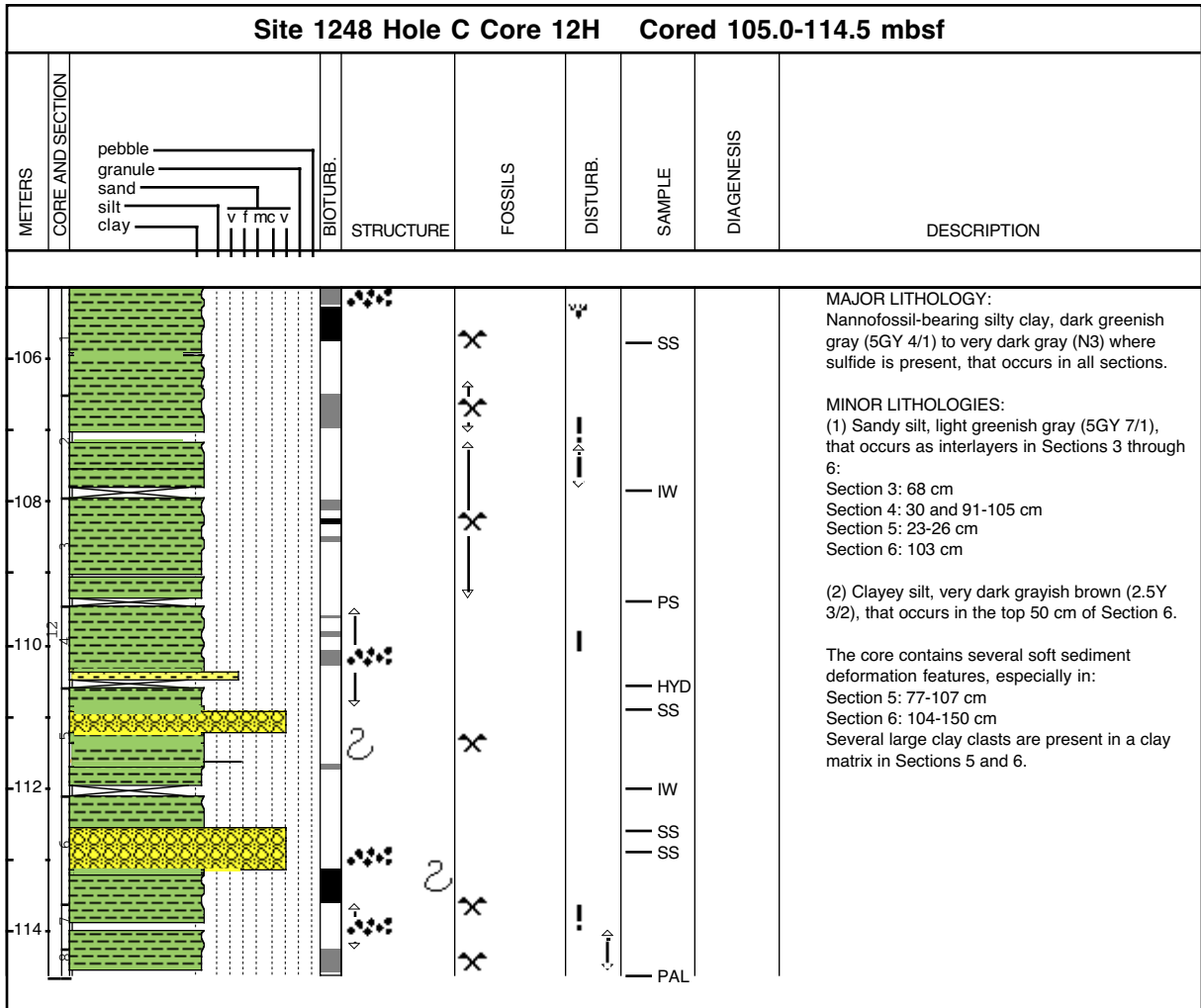
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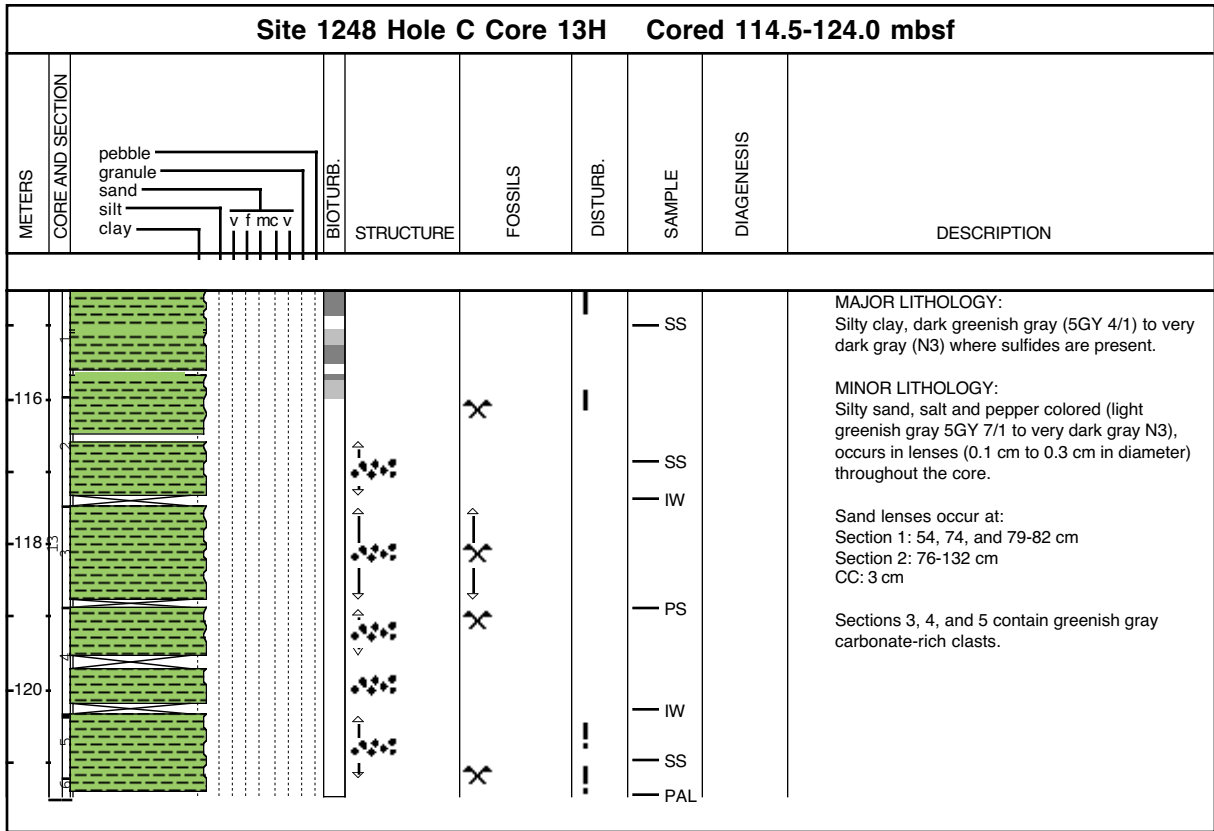
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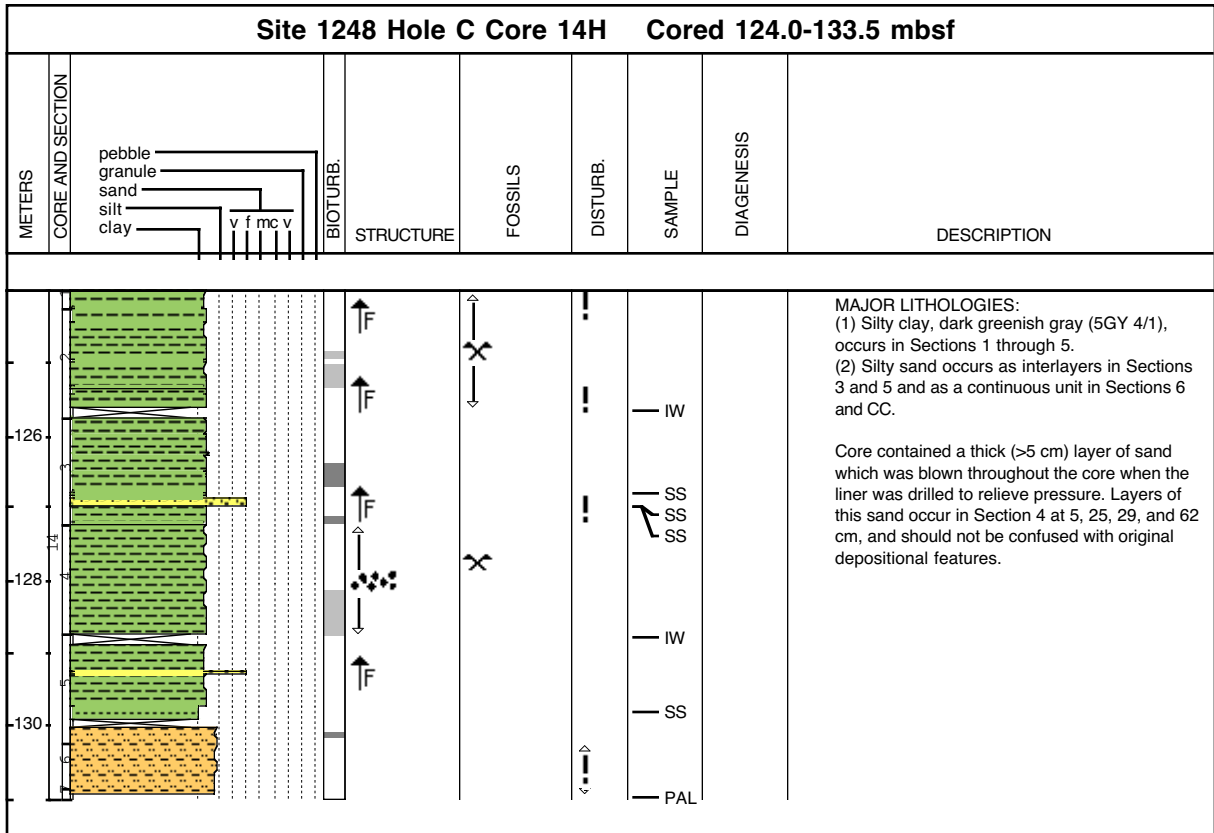
Core Photo



Core Photo



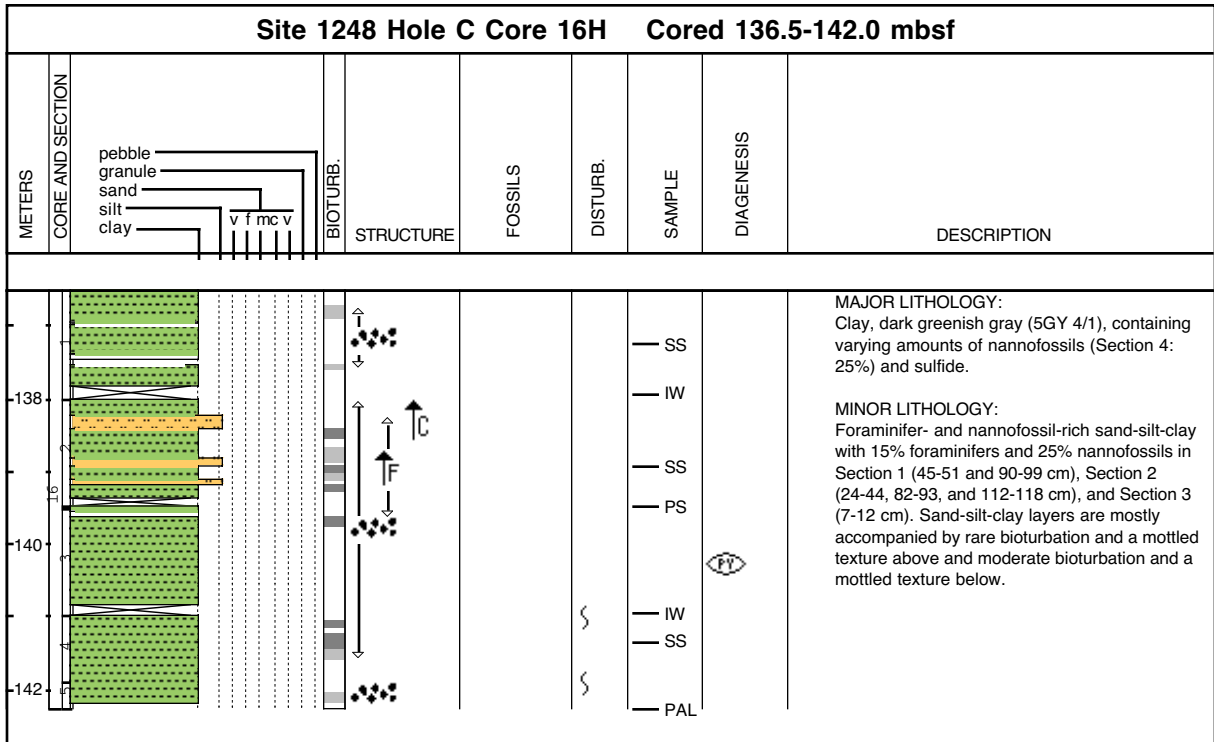
Core Photo



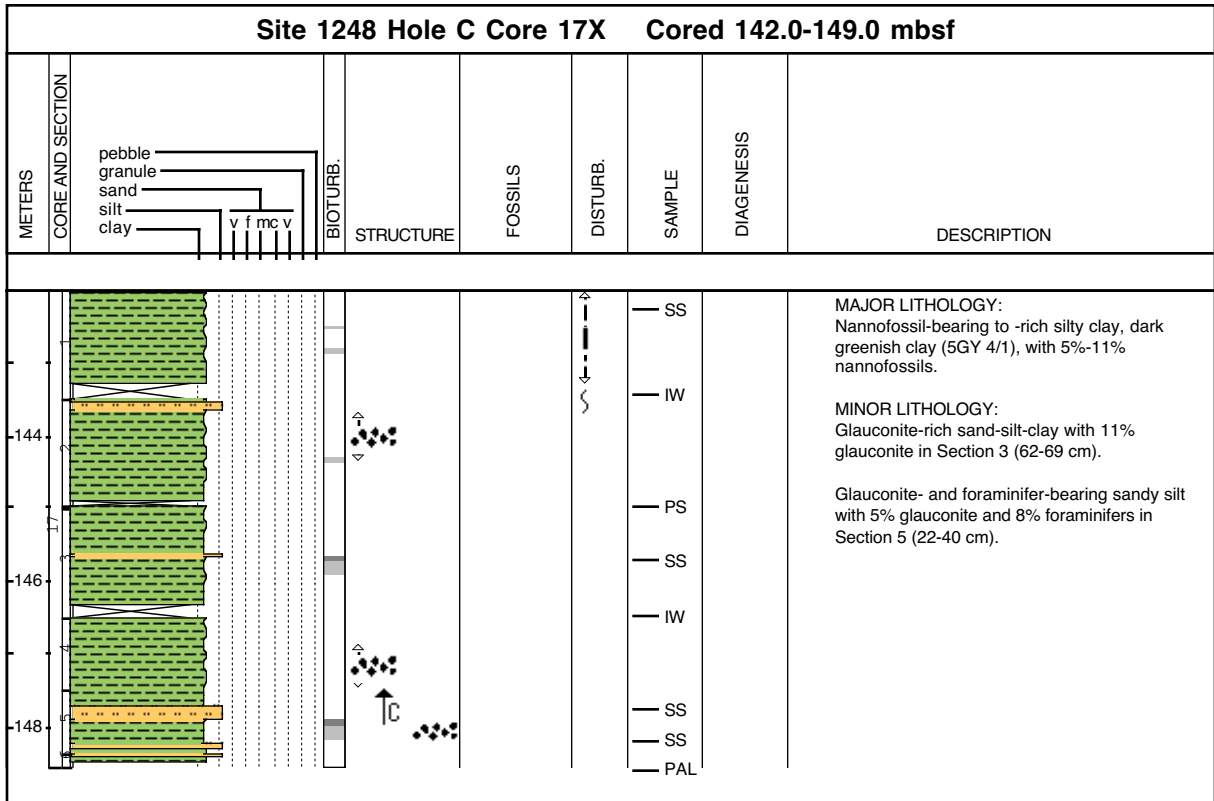
Core Photo

Site 1248 Hole C Core 15H Cored 133.5-136.5 mbsf								
METERS	CORE AND SECTION	BIOTURB.	STRUCTURE	FOSSILS	DISTURB.	SAMPLE	DIAGENESIS	DESCRIPTION
	pebble granule sand silt clay v f mc v							
134 136						SS SS SS IW SS PS		<p>MAJOR LITHOLOGY: Silty clay, dark greenish gray (5GY 4/1), with changing fossil content. Section 1 is nannofossil bearing (5%), Section 2 is diatom rich (15%). Color changes have been observed in Section 2 (0-30 cm) and Section 3 as mud clasts of different color.</p> <p>MINOR LITHOLOGY: Sand, dark greenish gray (5GY 4/1), in layers or lenses (Section 2: 33, 36, 40, and 63 cm).</p> <p>Glauconite sand is present in Section 3 as lenses (36-45 cm).</p>

Core Photo



Core Photo



Sample	Core	Core type	Section	Interval (cm)	Depth (mbsf)	Lithology	Texture			Mineral							Biogenic					Comments
							Sand	Silt	Clay	Biotite	Carbonate	Feldspar	Glauconite	Muscovite	Opauques	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Siliceous fossils & spicules	
Hole B																						
1	H	2	74	1.94	D	5	20	75		4		1		1	2		2	1				
2	H	1	30	6.80	D	3	15	82	1		6		1	1	2		10					
2	H	1	60	7.10	D	1	10	89	1		6		1	1	2		10					
2	H	2	70	8.07	D		20	80	1					3	4		8		3			
Hole C																						
3	X	1	35	19.55	M		20	80						5	20		12			1		
3	X	1	60	19.80	D		30	70						10	20		5			1		
3	X	2	80	21.50	D		10	90						1	10		2					
3	X	3	9	21.92	M		10	90						5	15		11					
4	X	1	20	29.00	D		25	75			1			10	15		3	1	3	1		
5	X	1	46	38.86	D		20	80	2	2	1			3	8		4		1			
5	X	1	124	39.64	M	10	30	60	2		3			3	5		3					
6	H	1	57	48.57	M	90	10		10		10			20	40			1				
6	H	3	99	50.75	D		10	90						3			3			1		
6	H	4	8	51.23	D		5	95			2				5							
6	H	6	102	54.96	M	95	5				1			3								
7	H	2	24	59.24	D	6	25	69	3				5	2	8		4		3			
7	H	2	33	59.33	M	15	35	50	3		20		4		12		2					
7	H	5	55	64.05	M	50	35	15	8		30		10	10	35			2				
8	H	1	78	67.78	D	2	23	75	1	5	8			3	2	5		2		3		
8	H	3	42	70.39	D		15	85	2			1		3	6		4		3			
8	H	3	118	71.15	M	70	20	10	3	10	4				15			3				
8	H	4	85	72.25	D		25	75	2	5				2	4		3	5				
9	H	1	96	77.46	D		25	75							3		15	1				
9	H	2	87	78.87	D		25	75			20			3	5		3			1		
9	H	4	77	81.77	D		25	75							10			15				
9	H	4	101	82.01	M		15	85		42	1	1		2	3		5		15			
9	H	5	16	82.66	M		20	80		13				1					1			
9	H	5	92	83.42	M	1	15	84		55	1						11	2				
9	H	5	122	83.72	D	3	27	70	2	20	12		8	2	3		5		6	3		
9	H	CC	3	85.91	M	6	24	70	2	20	6		5	1	2		2	3	10			
10	H	1	22	86.22	D		40	60		10				2	3		3		2			
10	H	1	37	86.37	M		20	80	2	3	2			3	5		10			4		
10	H	4	9	90.20	M		25	75		5	2			2	5		8	3	5	8		
10	H	4	115	91.26	M		25	75									3	3	10			
10	H	5	105	92.66	M		30	70		10				2	3		1	3	15			
10	H	6	16	93.04	M		40	60						3	10		5		10	9		
11	H	1	30	95.80	D	2	25	73		30		1		1	10		2					
11	H	1	30	95.80	D	3	30	67		3	3				20			5	5			
11	H	2	66	96.82	D	1	25	74		5	3				5		8	5	8			
11	H	4	26	99.40	D		20	80		15		1					20					
11	H	5	15	100.66	D		25	75			5			2	3		11					
12	H	2	80	107.30	D		30	70		2	3			1	8		3		5	6		
12	H	5	27	110.88	M	30	60	10	5	5	15	2			25				2	3		
12	H	6	46	112.57	M	15	65	20		3	5	3	5	3	15		3		2	2		
12	H	6	75	112.86	M		25	75		5	3	5		2	8		2	5	10			

Sample					Texture			Mineral									Biogenic				Comments	
Core	Core type	Section	Interval (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Biotite	Carbonate	Feldspar	Glauconite	Muscovite	Opauques	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Siliceous fossils & spicules		
Hole C (continued)																						
13	H	1	45	114.95	D		30	70		5	3	1		2	15		2		2	4		
13	H	2	87	116.85	M		30	70									2	1		4		
13	H	5	60	120.96	M		30	70		3	3	1	3	5	10		2		2	4		
14	H	3	101	126.78	D		40	60			10				20		1		3	5		
14	H	3	116	126.93	M	60	30	10		2	10		10	2	20	20			5			
14	H	3	117	126.94	M	50	35	15			15	1	2	20	40							
14	H	5	106	129.80	M	20	60	20		5	10		2		20		1	1	3	2		
15	H	1	33	133.83	D		25	75				1		3	5				3	2	5	2
15	H	2	13	134.58	D		30	70		10		2		3	10		15					
15	H	2	63	135.08	M	85	10	5		3	3	3			5							
15	H	3	40	135.85	M	80	10	10				90										
16	H	1	71	137.21	D		15	85							8					1		
16	H	2	90	138.90	M	30	50	20		5		3	3		20				5	25		
16	H	4	33	141.33	D		10	90									3	3		25		
17	X	1	24	142.24	D		30	70		5	1	1	1	3	5		3		3	5	2	
17	X	3	69	145.64	M	40	40	20		5	15	11		10	30				2	2		
17	X	5	24	147.69	M	30	60	10			5	5	5	10	20				8		1	
17	X	5	66	148.11	D		30	70		5	5		1	5	10		2			11	5	

**CORE DESCRIPTIONS
THIN SECTIONS, SITE 1248**

Sample					Texture										Biogenic		Comments
Core	Core type	Section	Top	Bottom	Lithology	Sand	Silt	Clay	Biotite	Feldspar	Glaucanite	Muscovite	Opaque minerals	Quartz	Diatoms	Foraminifers	
Hole B																	
1	H	1	107	112	M	5	5	90		2	3		3	5	2	10	Micritic carbonate matrix
1	H	2	10	15	M	15	10	75	3	5	10	2		15		25	Micritic carbonate matrix